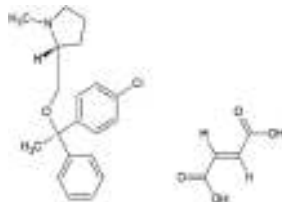


Clemastine Fumarate

ALTERNATE NAME: (2R)-2-[2-[(1R)-1-(4-chlorophenyl)-1-phenylethoxy]ethyl]-1-methyl-pyrrolidine, 2E-butenedioate

CATALOG #: B2525-50 50 mg
B2525-250 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₆ClNO.C₄H₄O₄

MOLECULAR WEIGHT: 459.97

CAS NUMBER: 14976-57-9

APPEARANCE: White solid

PURITY: ≥98% by HPLC

SOLUBILITY: >20 mg/ml DMSO

DESCRIPTION: Clemastine fumarate is a selective histamine H1 receptor antagonist (K_i = 0.26 nM); also displays high affinity for muscarinic receptors (K_i = 16 nM). Also acts as a positive allosteric modulator of P2X7 receptor signaling. Clinically-used as an antihistamine agent.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Chlorpromazine Hydrochloride (B1992)
Triflupromazine hydrochloride (B1993)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*